

Image Anomaly

Coloring distorted

There may be a slight chance that the IR blocker is not on its right position. When this happens: Under night vision the IR blocker is right on top of the sensor ,blocking the IR, which makes the images dimmer; Under day vision the IR blocker is removed making the coloring of the picture distorted.

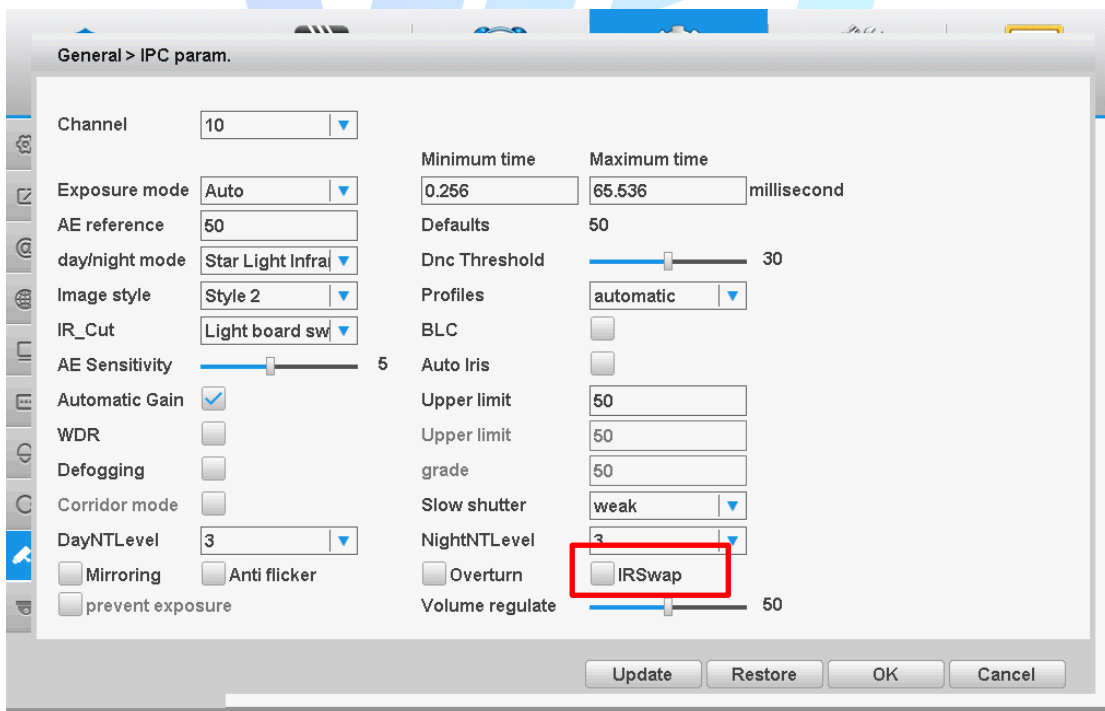


Normal (IR blocked)

Coloring Distorted (not blocked)

You can see when the IR is blocked the image looks dimmer

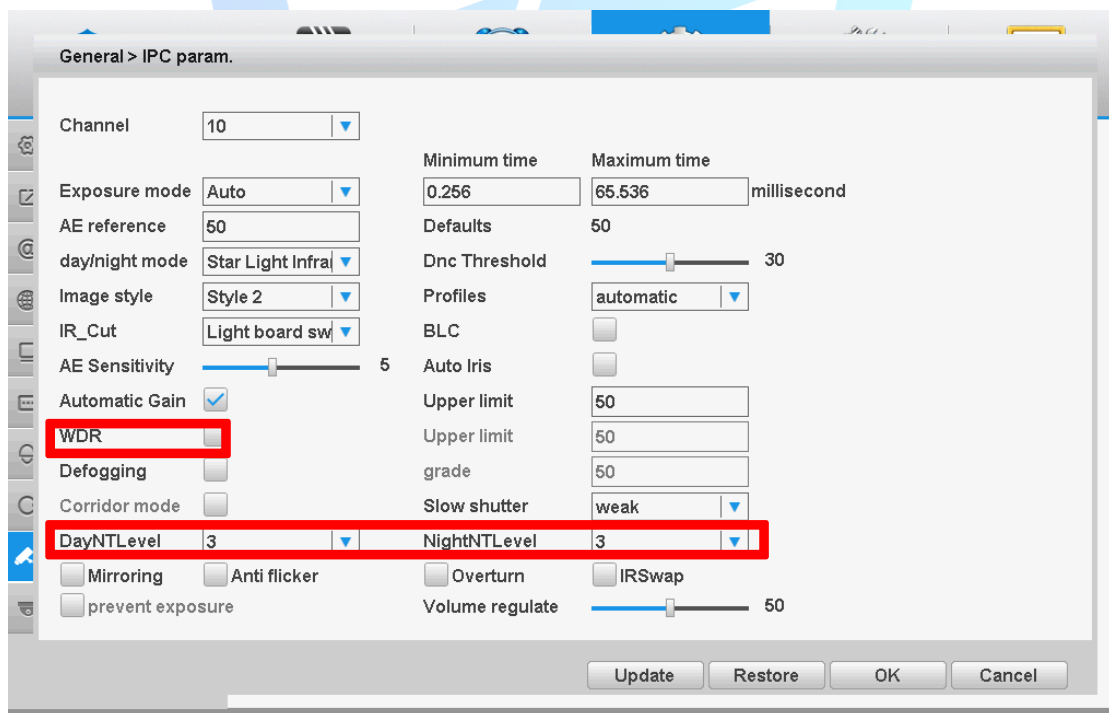
You need to set the IR swap in the camera parameter to fix this.



Noise



This happens when the environment is very dim or your DWDR level is too high or it can be both. Sometimes it also could be something wrong with the sensor board.



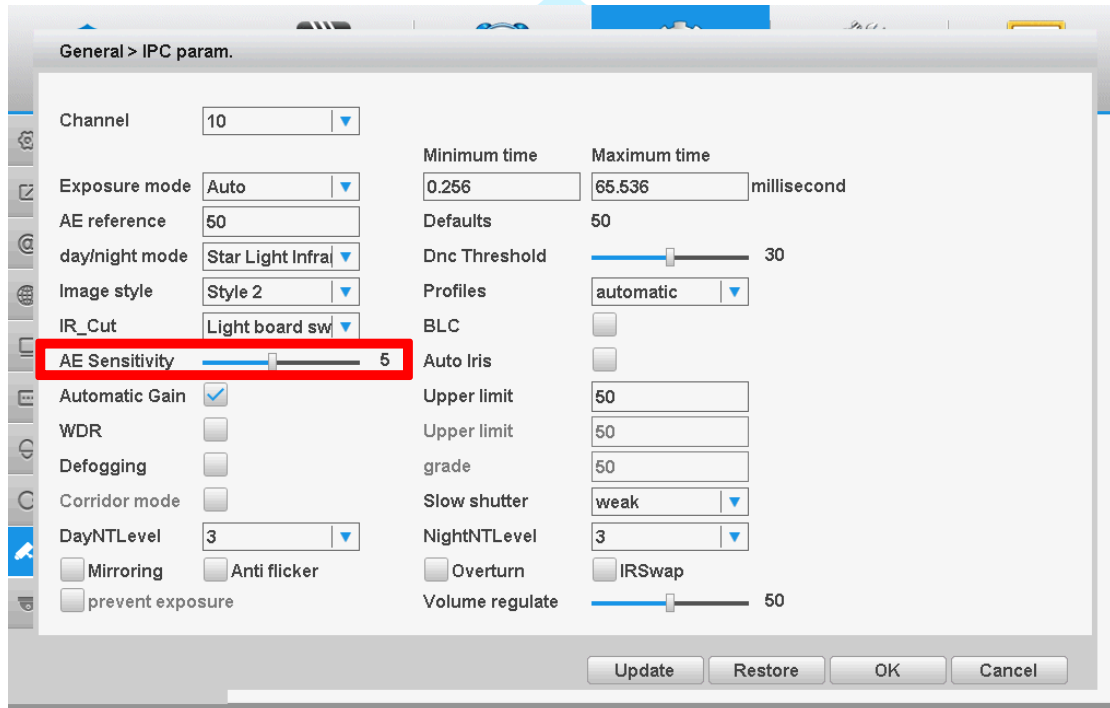
You can try these: Increase the NTlevel, shut down DWDR, improve the lighting of the area and enhance the camera's thermolysis.

You can also try to restore default settings and update the firmware of the camera.

Flashing

This happens when the camera is switching day/night vision. If the environment illumination changes constantly, the day/night vision switch will also happens frequently.

The solution to this problem is reduce the AE's sensitivity.



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Out of focus

This happens when an IR-CUT was triggered. The IR-RAY and the normal light have different wavelength, but the focus length is fixed, so it would not present an exact focused picture.

This phenomenon is not very serious, so you don't have to care about it. But if you do, you can choose our auto focus camera or use a IR lens.



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